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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

07/02/2003

SCOTT V. LUNDBERG FOGG & ASSOCIATES, LLC P.O. BOX 581339 MINNEAPOLIS, MN 55458-1339 **EXAMINER**

LAXTON, GARY L

ART UNIT CLASS-SUBCLASS

2838

323-272000

DATE MAILED: 07/02/2003

-					
1	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	10/044,479	01/11/2002	Michael M. Walters	125.028USR1	9909

TITLE OF INVENTION: MULTI-PHASE CONVERTER WITH BALANCED CURRENTS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE 🔍
nonprovisional	МО	\$0	\$0	\$0	10/02/2003

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED.</u> THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or,

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above:

□ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

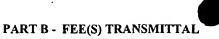
II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Page 1 of 4

PTOL-85 (REV. 05-03) Approved for use through 04/30/2004.



Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents
Alexandria, Virginia 22313-1450

<u>Fax</u> (703)746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block T)

7590

07/02/2003

SCOTT V. LUNDBERG FOGG & ASSOCIATES, LLC P.O. BOX 581339 MINNEAPOLIS, MN 55458-1339 Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name	
(Signature	
(Date	

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/044,479 01/11/2002 Michael M. Walters 125.028USR1 9909

TITLE OF INVENTION: MULTI-PHASE CONVERTER WITH BALANCED CURRENTS

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APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$0	\$0	\$0	10/02/2003
EXAM	NER	ART UNIT	CLASS-SUBCLASS		
LAXTON,	GARY L .	2838	323-272000		
CFR 1.363).	nce address or indication of ence address (or Change of 22) attached.	•	2. For printing on the patent fit the names of up to 3 registered or agents OR, alternatively, (2 single firm (having as a mem	1 patent attorneys 2) the name of a aber a registered	
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.		
3. ASSIGNEE NAME AND	RESIDENCE DATA TO	BE PRINTED ON THE	PATENT (print or type)		
PLEASE NOTE: Unless a been previously submitted (A) NAME OF ASSIGNE	to the USP IO or is being	submitted under separate	Il appear on the patent. Inclusion cover. Completion of this form is SIDENCE: (CITY and STATE O	of assignee data is only appropriz NOT a substitute for filing an assi R COUNTRY)	te when an assignment has ignment.
Please check the appropriat 4a. The following fee(s) are			on the patent) undividua	1 U corporation or other private	group entity U governmen
⊔ İssue Fee		⊔ A che	eck in the amount of the fee(s) is	enclosed.	
☐ Publication Fee		☐ Payment by credit card. Form PTO-2038 is attached.			
☐ Advance Order - # of C	Copies	☐ The C Denosit	Commissioner is hereby authorize	d by charge the required fee(s), or	credit any overpayment, to

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/044,479	01/11/2002 Michael M. Walters		125.028USR1	9909	
75	590 07/02/2003		EXAMIN	EXAMINER	
SCOTT V. LUNI	DBERG		LAXTON, GARY L		
FOGG & ASSOCIATES, LLC P.O. BOX 581339		Γ	ART UNIT	PAPER NUMBER	
MINNEAPOLIS, N			2838	- · · · · · · · · · · · · · · · · · · ·	
UNITED STATES			DATE MAILED: 07/02/2003		

Determination of Patent Term Extension or Adjustment under 35 U.S.C. 154 (b)

A reissue patent is for "the unexpired part of the term of the original patent." See 35 U.S.C. 251. Accordingly, the above-identified reissue application is not eligible for patent term extension or adjustment under 35 U.S.C.154(b).

Any questions regarding the patent term extension or adjustment determination should be directed to the Office of Patent Legal Administration at (703)305-1383.



United States Patent and Trademark Office

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APPLICATION NO.	ATION NO. FILING DATE FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/044,479	01/11/2002	Michael M. Walters	125.028USR1	9909
7590 07/02/2003			EXAMINER	
SCOTT V. LUN	SCOTT V. LUNDBERG		LAXTON, GARY L	
FOGG & ASSOCIATES, LLC P.O. BOX 581339 MINNEAPOLIS, MN 55458-1339 UNITED STATES			ART UNIT	PAPER NUMBER
			2838	
		DA	TE MAILED: 07/02/2003	

Notice of Fee Increase on January 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after January 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on January 1, 2003. See Revision of Patent and Trademark Fees for Fiscal Year 2003; Final Rule, 67 Fed. Reg. 70847, 70849 (November 27, 2002).

The current fee schedule is accessible from: http://www.uspto.gov/main/howtofees.htm.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of the fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fee(s) due form is to be filed on or after January 1, 2003 (or mailed with a certificate of mailing on or after January 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

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	Application No.	Applicant(s)			
Notice of Allowability	10/044,479	WALTERS ET AL.			
Notice of Allowability	Examiner	Art Unit			
	Gary L. Laxton	2838			
The MAILING DATE of this communication appearance All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIP of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication IGHTS. This application is subject to and MPEP 1308.	olication. If not include will be mailed in due	d course. THIS		
 This communication is responsive to <u>the RCE filed 2/26/03</u> The allowed claim(s) is/are <u>9-16,20,21,37-41,43 and 44</u>. 	<u>3</u> .				
 3. The drawings filed on <u>01/11/02</u> are accepted by the Exam 	iner				
4. Acknowledgment is made of a claim for foreign priority und					
a) ☐ All b) ☐ Some* c) ☐ None of the:	201 00 0.0.0. 3 1 10(4) (4) 01 (1).				
 Certified copies of the priority documents have 	e been received.				
Certified copies of the priority documents have	e been received in Application No	·			
 Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)). 	cuments have been received in this	national stage applicat	ion from the		
* Certified copies not received:					
5. Acknowledgment is made of a claim for domestic priority u		onal application).			
(a) The translation of the foreign language provisional a					
6. Acknowledgment is made of a claim for domestic priority u	nder 35 U.S.C. §§ 120 and/or 121.				
Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of	f this communication to file a reply co this application. THIS THREE-MOI	omplying with the requ NTH PERIOD IS NOT	irements noted EXTENDABLE.		
7. A SUBSTITUTE OATH OR DECLARATION must be subn INFORMAL PATENT APPLICATION (PTO-152) which gives reas			IOTICE OF		
 8. ☐ CORRECTED DRAWINGS must be submitted. (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) ☐ hereto or 2) ☐ to Paper No 					
(b) ☐ including changes required by the proposed drawing correction filed, which has been approved by the Examiner. (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No					
(c) I including changes required by the attached Examiner	s Amendment / Comment of in the C	of the action of Faper			
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.					
9. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.					
Attachment(s)					
 1 Notice of References Cited (PTO-892) 3 Notice of Draftperson's Patent Drawing Review (PTO-948) 5 Information Disclosure Statements (PTO-1449), Paper No 7 Examiner's Comment Regarding Requirement for Deposit of Biological Material 	4☐ Interview Summ 6☐ Examiner's Ame 8☐ Examiner's State 9☐ Other	al Patent Application (I ary (PTO-413), Paper Indment/Comment ement of Reasons for A WICHAEL SHE	No		
		TECHNOLOGY CENT	ER 2000		